

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
DITRANS.003C1APPLICATION NO.  
10/758,355INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Wesley K. MasentenFILING DATE  
January 15, 2004GROUP  
Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
CO	1	4,475,243	10/02/84	Batlivala et al.			
CO	2	4,535,476	08/13/85	Carlin			
	3	4,720,712	01/19/88	Brookner et al.			
	4	4,953,182	08/90	Chung			
	5	5,249,203	09/93	Loper			
	6	5,422,889	06/06/95	Sevenhans et al.			
	7	5,557,642	09/17/96	Williams			
	8	5,604,929	02/18/97	Loper et al.			
	9	5,675,613	10/97	Uwano et al.			
	10	5,691,978	11/97	Kenworthy			
	11	5,705,949 A	01/06/98	Alalyunas			
	12	5,828,955	10/98	Lipowski et al.			
	13	5,847,619	12/98	Kirisawa			
	14	5,926,135	07/20/99	Minkoff			
	15	5,952,965	09/14/99	Kowalski			
	16	5,999,800	12/07/9	Choi et al.			
	17	6,169,912	01/01	Zuckerman			
	18	6,289,048	09/01	Richards et al.			
	19	6,340,883	01/02	Nara et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CO	20	PTC US01/01896	01/18/01	PCT International Search Report				
	21	PCT US00/41150	10/11/00	PCT International Search Report				
	22	WO 00/33481	06/08/00	PCT				
	23	WO 01 08292 A	02/01/01	PCT				
	24	WO 01 20795 A	03/22/01	PCT				

EXAMINER

Curtis Odor

DATE CONSIDERED

8/12/05

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

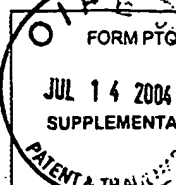
FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DITRANS.003C1	APPLICATION NO. 10/758,355
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Wesley K. Masenten	
		FILING DATE January 15, 2004	GROUP Unknown

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CP	25	EP 02 25 3343	11/13/02	European Search Report				
	26	EP 0 180 339 A	05/07/86	Europe				
	27	EP 0 320 553 A1	06/21/89	Europe				
	28	DE 196 16 368 C	12/11/97	Germany				
	29	JP 10041733	02/13/98	Japan				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
CO	30	Abidi, Asad A., <i>Direct-Conversion Radio Transceivers for Digital Communications</i> , <u>IEEE Journal of Solid-State Circuits</u> , Vol. 30, No. 12 (December 1995), pp. 1399-1410.
	31	Anvari, K., et al., <i>Performance of a Direct Conversion Receiver with <math>\pi/4</math>-DQPSK Modulated Signal</i> , <u>IEEE CH2944</u> (1991), pp. 822-827.
	32	Candy, James C., et al., <i>Oversampling Delta-Sigma Data Converter, Theory, Design, and Simulation</i> , <u>IEEE Press</u> , New York (1992), pp. 1-29.
	33	Crochiere, Ronald E., et al., <i>Multirate Digital Signal Processing</i> , Prentice-Hall, Inc., Englewood Cliffs, N.J. 07632 (1983), pp. 143-183.
	34	Jantzi, Stephen A., et al., <i>Quadrature Bandpass <math>\Delta\Sigma</math> Modulation for Digital Radio</i> , <u>IEEE Journal of Solid-State Circuits</u> , Vol. 32, No. 12 (December 1997), pp. 1935-1950.
	35	Norsworthy, Steven R., et al., <i>Delta-Sigma Data Converters, Theory, Design and Simulation</i> , Wiley-Interscience, A John Wiley & Sons, Inc. Publication (1997), pp. 1-74.
	36	Proakis, John G., et al., <i>Advanced Digital Signal Processing</i> , Macmillian Publishing Co., New York (1992), pp. 142-151.
	37	Razavi, Behzad, <i>Design Considerations for Direct-Conversion Receivers</i> , <u>IEEE Transactions on Circuits and Systems-II: Analog and Digital Signal Processing</u> , Vol. 44, No. 6 (June 1997), pp. 428-435.
	38	Weaver, Donald K., Jr., <i>A Third Method of Generation and Detection of Single-Sideband Signals</i> , <u>Proceedings of the IRE 44</u> (1956), pp. 1703-1705.
	39	Widrow, B., et al., <i>Adaptive Antenna Systems</i> , Reprinted from <u>Proceedings of the IEEE</u> , Vol. 55, No. 12 (December 1967), pp. 2143-2161.

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040204

EXAMINER <i>Curtis Olson</i>	DATE CONSIDERED <i>8/12/05</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

 <p>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p><b>JUL 14 2004</b></p> <p><b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(USE SEVERAL SHEETS IF NECESSARY)</p>	ATTY. DOCKET NO. DITRANS.003C1	APPLICATION NO. 10/758,355
	APPLICANT Wesley K. Masenten	
	FILING DATE January 15, 2004	GROUP 2634

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
CD	5,872,540	02/16/99	Casabona et al.			
CD	6,714,584 B1	03/30/04	Ishii et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER <i>Curtis Odon</i>	DATE CONSIDERED <i>8/12/05</i>
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